



ENERGY PERFORMANCE RATING SYSTEM FOR HOSPITALS

QUICK REFERENCE GUIDE



The Environmental Protection Agency's national energy performance rating system enables you to compare your Acute Care or Children's Hospital to similar facilities across the USA. The on-line rating system generates a score between 1 to 100 for hospital campuses or free-standing facilities, with a score of 50 representing the industry average. A hospital rating 75 or higher is eligible to apply for EPA's highest award for superior energy performance, the ENERGY STAR® label. Updating your performance rating regularly helps you set energy performance goals, verify upgrade savings, evaluate maintenance, and receive recognition for superior energy performance.

USING THE TOOL: STEP BY STEP

1. Go to www.energystar.gov/benchmark.

2. Enter your user name and password to log-in or select "New user". Input contact information and create a user name and password.

3. The "Summary" tab will appear; choose "Hospital (Acute Care, Children's)" from the pick-list under "Building Type". Click "Add". You have now created the input record which enables you to define a hospital campus.

4. Enter basic information about the hospital campus on the "General Information" tab. Include zip code, as the tool normalizes for geography and weather. The year built should be the year in which the majority of the campus square footage was built. Click "Save".

5. Select the "Space Use" tab, choose "Hospital (Acute Care or Children's)". Click "Add". Enter the campus-wide or single building characteristics requested. Click "Save" to continue.

6. Select the "Energy Use" tab. Under "Rows to add", determine the number of months or years of energy data to be entered. Enter the start date of the energy data, energy type, and "new meter". In order for a score to be generated, a minimum of 320 days of energy data must be entered into the tool.

Input the meter ID and choose the energy units from the pick-list. Input the energy data. To track cost/ft² over time, cost is listed as an optional field.

Repeat for all fuel types.

7. Select the "Results" tab. View scores, set targets, and evaluate energy performance. Re-benchmark to track trends. *See reverse side of this guide to interpret scores.*

ELIGIBILITY CRITERIA

- 10,000 square feet or more
- Occupied for at least 11 of the last 12 months
- No more than 10% of floor area designated as computer data center space
- Acute Care or Children's Hospital covering 50% or more of total campus space

DATA NEEDED

- Campus address including ZIP code
- Year built
- Number of licensed beds
- Gross indoor square footage of campus
- Number of buildings
- Maximum number of floors in tallest building
- At least 320 days of energy consumption for all fuel types
- Presence or absence of a lab, tertiary care, on-site laundry
- Ownership status (Non-profit/For profit)

SCORE INTERPRETATION

Top Performers - ENERGY STAR

Hospitals with a score of 75 or above are in the top 25% of the industry in terms of energy performance and may be eligible for the ENERGY STAR label. These facilities are a great opportunity for publicity and communications outreach – both internally for staff recognition and externally for corporate and environmental recognition.

A facility must meet all ENERGY STAR requirements and verify the results with a professional engineer before being awarded the ENERGY STAR.

Lowest Scores - Greatest Opportunities for Investments and Returns

These hospitals present the greatest potential for financial and environmental improvement. By improving the energy performance of these hospitals, you will see the greatest impact on your bottom line.

100



50

1

Mid-range Scores – Fine Tune O&M Practices

Energy performance in these hospitals is near the industry average, and may be within reach of achieving the ENERGY STAR label through simple, but aggressive, no cost or low cost measures such as adopting improved O&M practices.

ENERGY SAVINGS FACTS

Hospitals that upgrade inefficient office equipment at the time of replacement with ENERGY STAR labeled products can achieve significant savings over the lifetime of the product, for example:

100 ENERGY STAR exit signs	Save \$28,500
100 ENERGY STAR copiers	Save \$13,000
100 ENERGY STAR laser printers	Save \$ 6,100
100 ENERGY STAR fax machines	Save \$ 5,700
100 ENERGY STAR T.V.s	Save \$ 1,300
	Total \$54,600



To get your free ENERGY STAR Institutional Purchasing Tool Kit, Visit <http://www.epa.gov/nrgystar/purchasing/>.

HELPFUL TIPS

- Work with your service and product provider to benchmark your hospital or portfolio of facilities.
- Change your password and username at any time by selecting the "Administration" key on the left column.
- Change the total square footage of your facility to account for any build-outs in the campus using the 'Redefine' function in the "Space Use" tab.
- When entering data, do not include commas or other punctuation in either energy consumption or cost. The tool will do this for you.
- Be sure to review the energy data you have entered for lapse in time. If gaps occur, the tool will generate an error message.
- Data can be entered monthly or annually. The tool requires 320 days of data to generate a score. Monthly energy data is required for facilities with a rating of 75 or higher that wish to apply for the ENERGY STAR label.

NEED FURTHER ASSISTANCE?

Clark Reed
U.S. EPA ENERGY STAR
(202) 564-9146
reed.clark@epa.gov

Jean Hand
ICF, ENERGY STAR
(703) 218-2658
jhand@icfconsulting.com

Bob La Rose
ICF, ENERGY STAR
(703) 934-3589
rlarose@icfconsulting.com



Money Isn't All You're Saving

www.energystar.gov/benchmark